

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101823\
 Data File : VN079603.D
 Acq On : 18 Oct 2023 16:13
 Operator : JC\MD
 Sample : 04943-04 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/19/2023
 Supervised By : Mahesh Dadoda 10/20/2023

Quant Time: Oct 19 06:16:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.818	128	18435m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	113436	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	134323	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	77733	29.657	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	98.867%	
60) 4-Bromofluorobenzene	12.853	95	47295	19.254	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	64.167%	
63) Toluene-d8	10.571	98	166946	29.005	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	96.667%	
Target Compounds						
25) Chloroform	7.971	83	2332	0.418	ug/l	Qvalue 97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

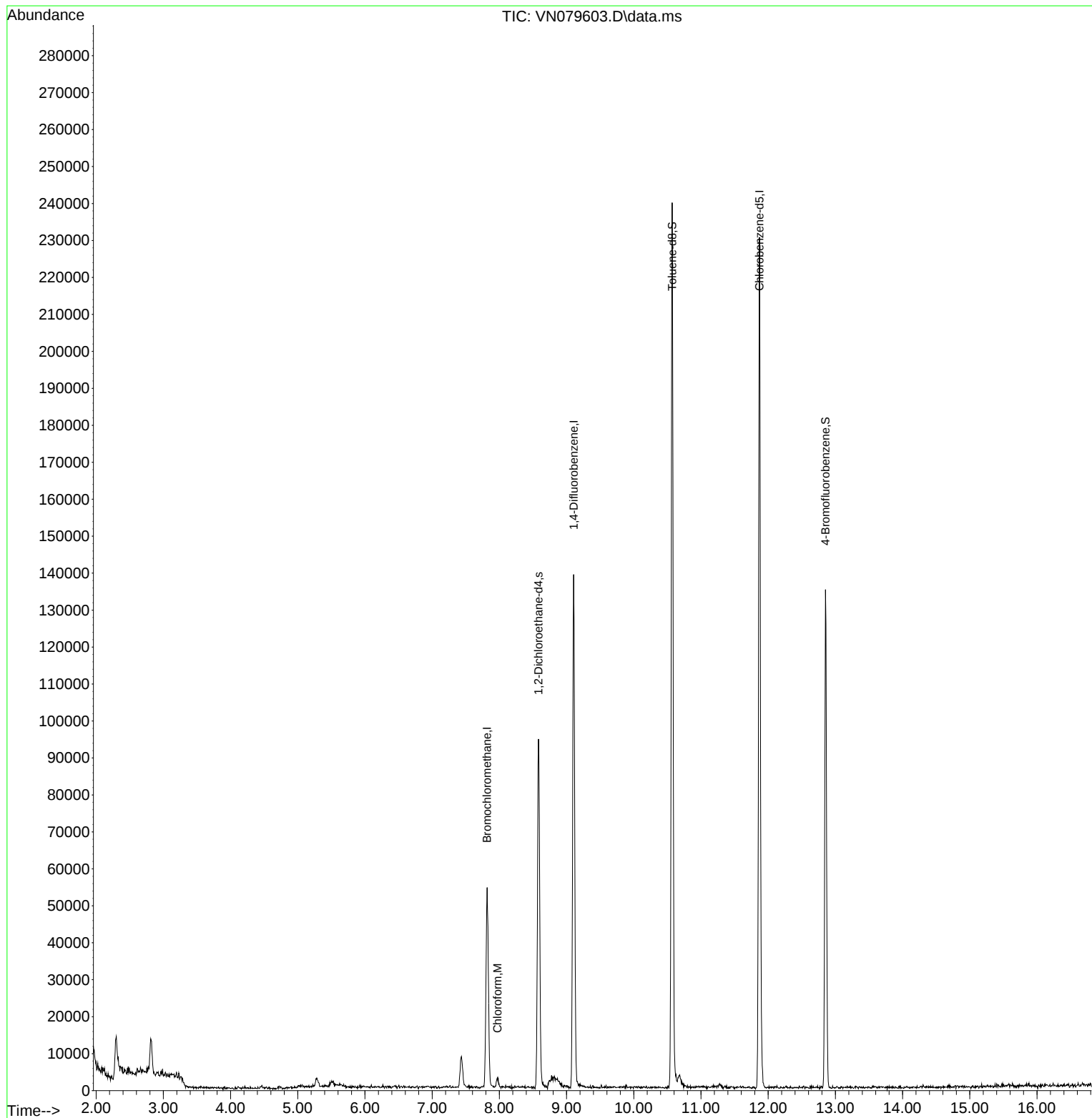
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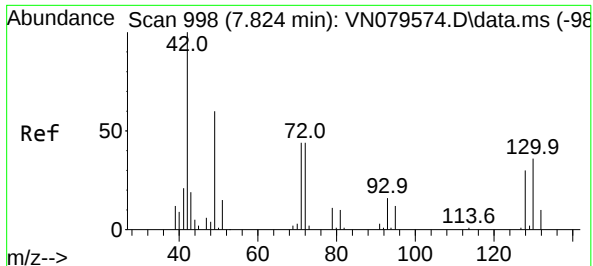
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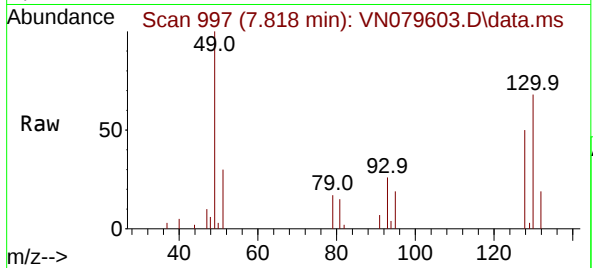
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023





#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 7.818 min Scan# 998
Delta R.T. -0.006 min
Lab File: VN079603.D
Acq: 18 Oct 2023 16:13

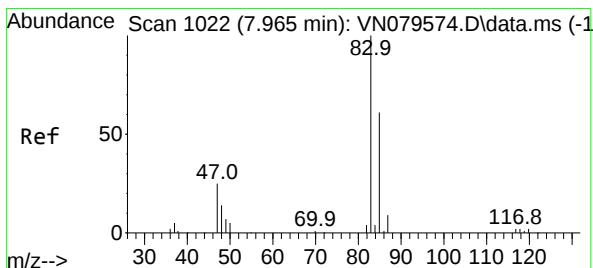
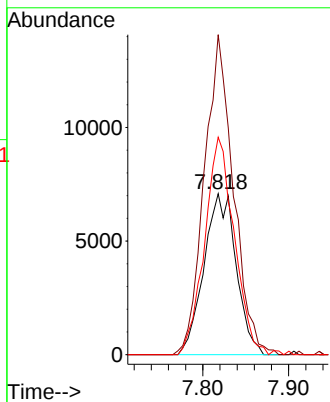
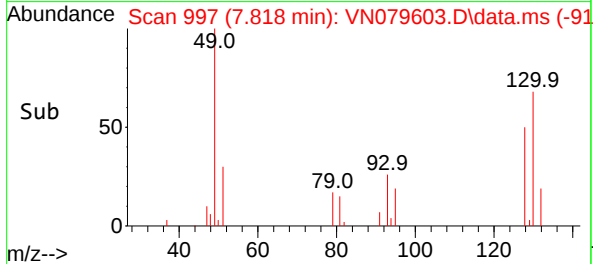
Instrument :
MSVOA_N
ClientSampleId :
14B-4



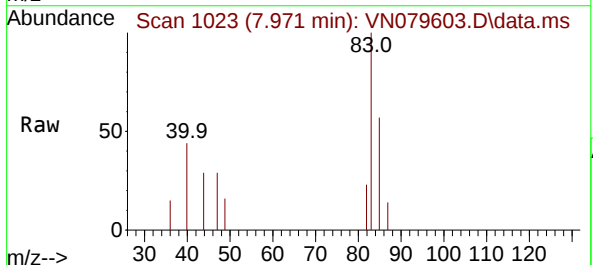
Tgt Ion:128 Resp: 1843
Ion Ratio Lower Upper
128 100
49 179.9 0.0 468.5
130 124.3 0.0 320.7

Manual Integrations
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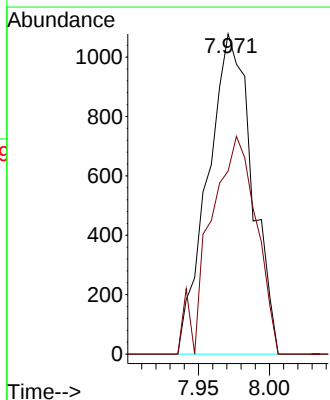
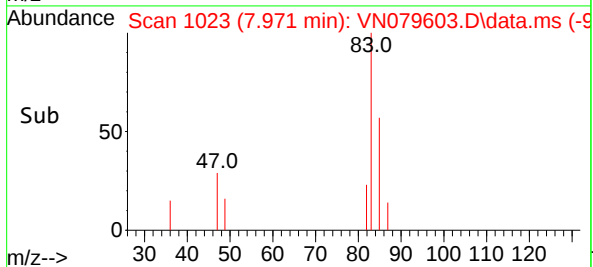
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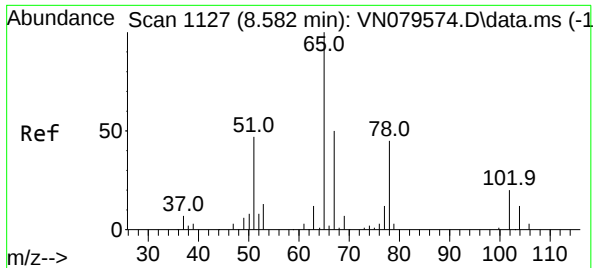


#25
Chloroform
Concen: 0.418 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN079603.D
Acq: 18 Oct 2023 16:13



Tgt Ion: 83 Resp: 2332
Ion Ratio Lower Upper
83 100
85 57.1 47.4 71.2





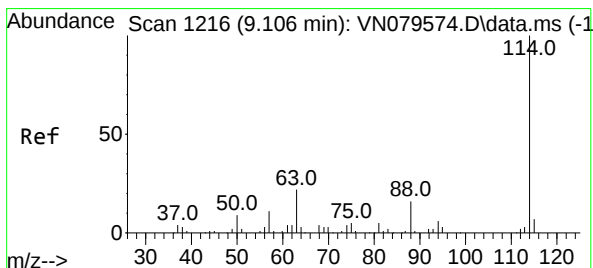
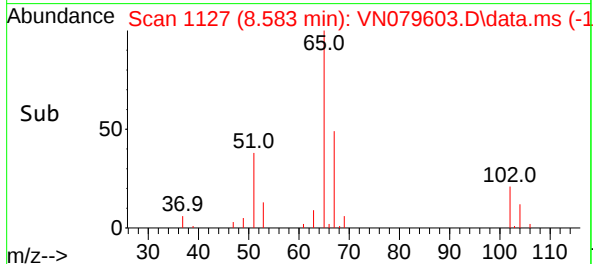
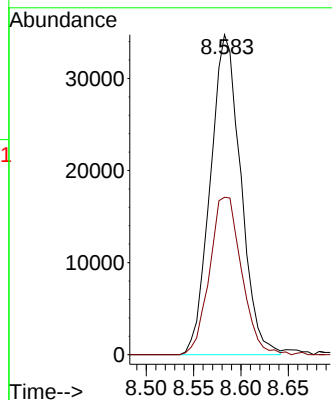
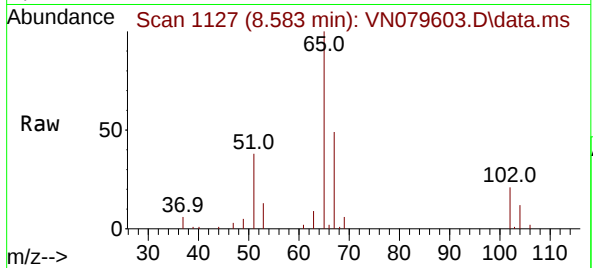
#27
1,2-Dichloroethane-d4
Concen: 29.657 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079603.D
Acq: 18 Oct 2023 16:13

Instrument :
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ClientSampleId :
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Tgt Ion: 65 Resp: 7773
Ion Ratio Lower Upper
65 100
67 51.7 42.1 63.1

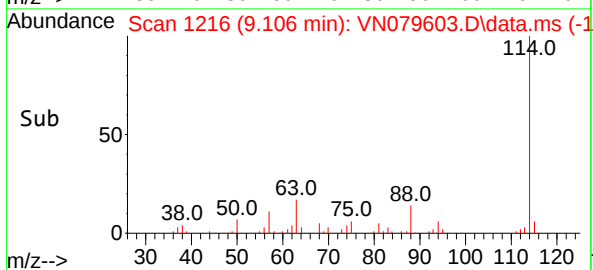
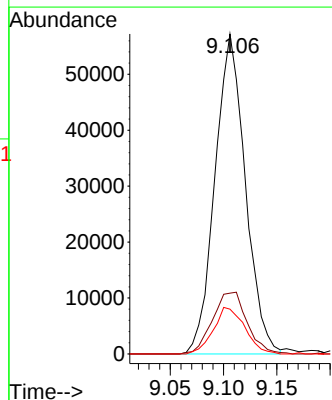
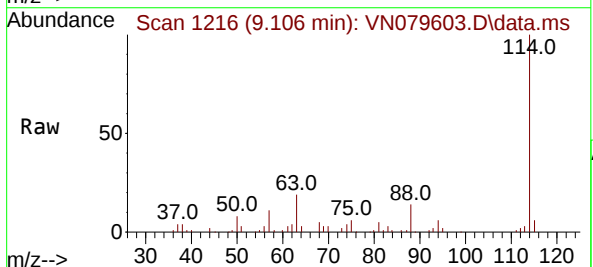
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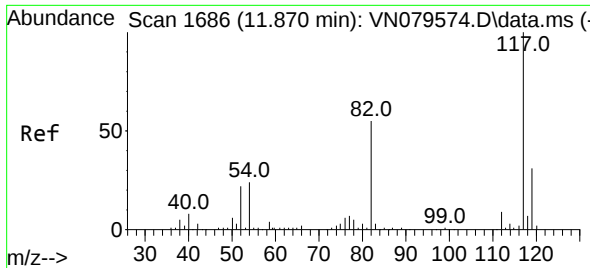
Reviewed By :John Carlone 10/19/2023
Supervised By :Mahesh Dadoda 10/20/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079603.D
Acq: 18 Oct 2023 16:13

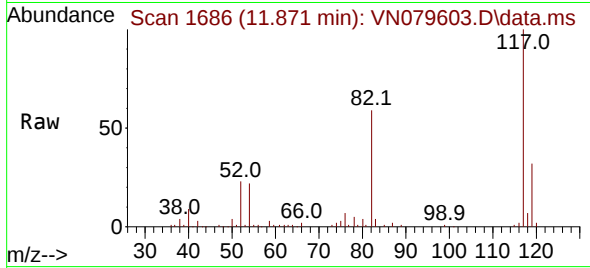
Tgt Ion:114 Resp: 113436
Ion Ratio Lower Upper
114 100
63 22.0 18.1 27.1
88 15.0 12.2 18.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079603.D
Acq: 18 Oct 2023 16:13

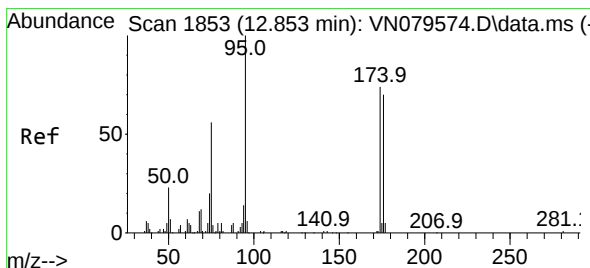
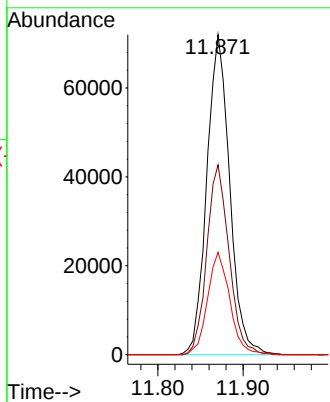
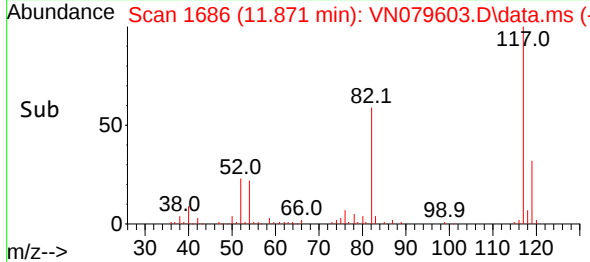
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MSVOA_N
ClientSampleId :
14B-4



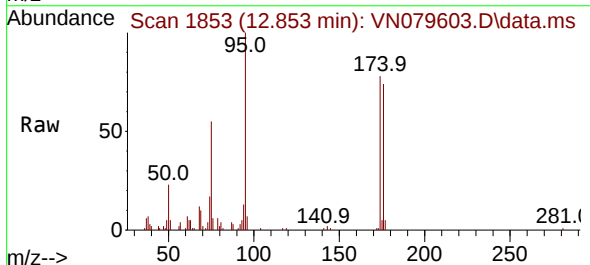
Tgt Ion:117 Resp: 13432
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.2
119 31.1 25.2 37.8

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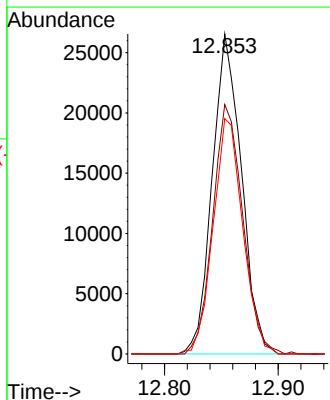
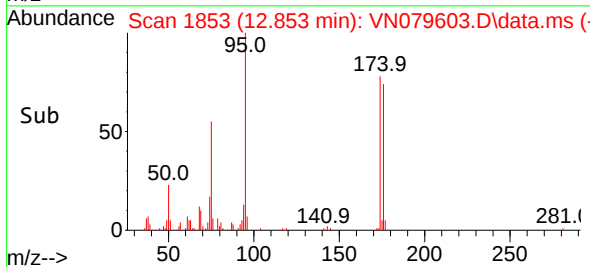
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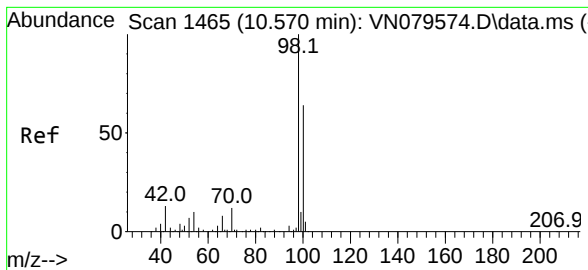


#60
4-Bromofluorobenzene
Concen: 19.254 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079603.D
Acq: 18 Oct 2023 16:13



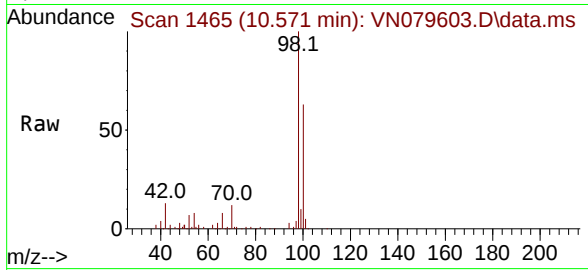
Tgt Ion: 95 Resp: 47295
Ion Ratio Lower Upper
95 100
174 80.1 60.5 90.7
176 75.0 57.2 85.8





#63
Toluene-d8
Concen: 29.005 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079603.D
Acq: 18 Oct 2023 16:13

Instrument :
MSVOA_N
ClientSampleId :
14B-4



Tgt Ion: 98 Resp: 166940
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4

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